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LOGINID:SSSPTA1623PAZ

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	JAN 17	Pre-1988 INPI data added to MARPAT
NEWS 4	FEB 21	STN AnaVist, Version 1.1, lets you share your STN AnaVist visualization results
NEWS 5	FEB 22	The IPC thesaurus added to additional patent databases on STN
NEWS 6	FEB 22	Updates in EPFULL; IPC 8 enhancements added
NEWS 7	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS 8	MAR 03	Updates in PATDPA; addition of IPC 8 data without attributes
NEWS 9	MAR 22	EMBASE is now updated on a daily basis
NEWS 10	APR 03	New IPC 8 fields and IPC thesaurus added to PATDPAFULL
NEWS 11	APR 03	Bibliographic data updates resume; new IPC 8 fields and IPC thesaurus added in PCTFULL
NEWS 12	APR 04	STN AnaVist $500 visualization usage credit offered
NEWS 13	APR 12	LINSPEC, learning database for INSPEC, reloaded and enhanced
NEWS 14	APR 12	Improved structure highlighting in FQHIT and QHIT display in MARPAT
NEWS 15	APR 12	Derwent World Patents Index to be reloaded and enhanced during second quarter; strategies may be affected
NEWS 16	MAY 10	CA/CAplus enhanced with 1900-1906 U.S. patent records
NEWS 17	MAY 11	KOREAPAT updates resume
NEWS 18	MAY 19	Derwent World Patents Index to be reloaded and enhanced
NEWS 19	MAY 30	IPC 8 Rolled-up Core codes added to CA/CAplus and USPATFULL/USPAT2
NEWS 20	MAY 30	The F-Term thesaurus is now available in CA/CAplus
NEWS 21	JUN 02	The first reclassification of IPC codes now complete in INPADOC
NEWS EXPRESS		FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005. V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT http://download.cas.org/express/v8.0-Discover/
NEWS HOURS		STN Operating Hours Plus Help Desk Availability
NEWS LOGIN		Welcome Banner and News Items
NEWS IPC8		For general information regarding STN implementation of IPC 8
NEWS X25		X.25 communication option no longer available after June 2006

Enter NEWS followed by the item number or name to see news on that specific topic.

* * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 08:21:21 ON 08 JUN 2006

=> file caplus
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'CAPLUS' ENTERED AT 08:21:30 ON 08 JUN 2006
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FILE COVERS 1907 - 8 Jun 2006 VOL 144 ISS 24
FILE LAST UPDATED: 7 Jun 2006 (20060607/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/infopolicy.html

=> methyl ester ethoxylates
```
        967854 METHYL
           660 METHYLS
        968256 METHYL
                  (METHYL OR METHYLS)
        911877 ME
         10354 MES
        918284 ME
                  (ME OR MES)
       1557152 METHYL
                  (METHYL OR ME)
        578572 ESTER
        430364 ESTERS
        807965 ESTER
                  (ESTER OR ESTERS)
          1844 ETHOXYLATES
L1          22 METHYL ESTER ETHOXYLATES
                  (METHYL(W)ESTER(W)ETHOXYLATES)
```

=> d l1

L1 ANSWER 1 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2006:505460 CAPLUS
TI Application of fatty acid **methyl ester ethoxylates** in laundry powder
AU Sun, Yongqiang; Zhang, Gaoyong; Luo, Yi; Liu, Guangyu
CS China Research Institute of Daily Chemical Industry, Taiyuan, 030001, Peop. Rep. China
SO Riyong Huaxue Gongye (2005), 35(2), 72-74, 122
CODEN: RHGOE8; ISSN: 1001-1803
PB Qinggongyebu Kexue Jishu Qingbao Yanjiuso
DT Journal
LA Chinese

=> d l1 1-22 ti

L1 ANSWER 1 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN
TI Application of fatty acid **methyl ester ethoxylates** in laundry powder

L1 ANSWER 2 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN
TI Rapeseed **methyl ester ethoxylates**: a new class of surfactants of environmental and commercial interest

L1 ANSWER 3 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN
TI Determination of unreacted fatty acid methyl ester in **methyl ester ethoxylates**

L1 ANSWER 4 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN
TI Production and application of fatty acid **methyl ester ethoxylates**

L1 ANSWER 5 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN
TI Thermodynamic study of retention in liquid exclusion-adsorption chromatography

L1 ANSWER 6 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN
TI Determination of fatty acid **methyl ester ethoxylates** by gas chromatography

L1 ANSWER 7 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN
TI **Methyl ester ethoxylates**

L1 ANSWER 8 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN
TI Comparative evaluation of environmental impact of fatty alcohol ethoxylates and fatty acid **methyl ester ethoxylates** as nonionic surfactants

L1 ANSWER 9 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN
TI Characterization of poly(ethylene glycol) esters using low energy collision-induced dissociation in electrospray ionization mass spectrometry

L1 ANSWER 10 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN
TI Assessment of the ecological properties of various - well known and new - nonionic surfactants

L1 ANSWER 11 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN
TI Characterization of fatty ester ethoxylates by coupled chromatographic techniques

L1 ANSWER 12 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN
TI Fatty acid **methyl ester ethoxylates** - a new class of nonionic surfactants

L1 ANSWER 13 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN
TI Study on physical properties of fatty **methyl ester ethoxylates**

L1 ANSWER 14 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN
TI **Methyl ester ethoxylates**

L1 ANSWER 15 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN
TI Optimization of surfactant systems containing **methyl ester ethoxylates**

L1 ANSWER 16 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN

TI As the new millennium dawns ... what about nonionics?

L1 ANSWER 17 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN
TI Ester alkoxylation technology

L1 ANSWER 18 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of ring-opened epoxidized fatty acid ester-polyol derivatives with increased solubility in solutions of anionic surfactants for use as cosmetic additives

L1 ANSWER 19 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN
TI Optimization of surfactant systems containing **methyl ester ethoxylates**

L1 ANSWER 20 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN
TI Impact of molecular structure on the performance of **methyl ester ethoxylates**

L1 ANSWER 21 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN
TI **Methyl ester ethoxylates**

L1 ANSWER 22 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN
TI Recent developments in the field on nonionic surfactants

=> d l1 21 ti fbib abs

L1 ANSWER 21 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN
TI **Methyl ester ethoxylates**
AN 1997:511796 CAPLUS
DN 127:192184
TI **Methyl ester ethoxylates**
AU Cox, Michael F.; Weerasooriya, Upali
CS CONDEA Vista Co., Austin, TX, USA
SO Journal of the American Oil Chemists' Society (1997), 74(7), 847-859
CODEN: JAOCA7; ISSN: 0003-021X
PB AOCS Press
DT Journal
LA English
AB Conventional ethoxylation of fatty Me esters, or other fatty-fatty esters or diesters, produces poor yields of the desired ethoxylated ester. A proprietary ethoxylation catalyst, currently in use to produce "peaked" or "narrow-range" alc. ethoxylates, has been found to successfully insert ethylene oxide into the ester linkage of fatty esters. The mechanism for this insertion likely involves an ethoxylation-transesterification step in the ethoxylation process. Phys., performance, and environmental/human safety properties were evaluated. Results, in general, show that **Me ester ethoxylates** behave similarly to alc. ethoxylates with the exception of having a lower foam profile and being less irritating.
RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d l1 a7 ti fbib abs
'A7' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'

The following are valid formats:

ABS --------- GI and AB
ALL --------- BIB, AB, IND, RE
APPS -------- AI, PRAI
BIB --------- AN, plus Bibliographic Data and PI table (default)
CAN --------- List of CA abstract numbers without answer numbers
CBIB -------- AN, plus Compressed Bibliographic Data

```
CLASS ------- IPC, NCL, ECLA, FTERM
DALL -------- ALL, delimited (end of each field identified)
DMAX -------- MAX, delimited for post-processing
FAM --------- AN, PI and PRAI in table, plus Patent Family data
FBIB -------- AN, BIB, plus Patent FAM
IND --------- Indexing data
IPC --------- International Patent Classifications
MAX --------- ALL, plus Patent FAM, RE
PATS -------- PI, SO
SAM --------- CC, SX, TI, ST, IT
SCAN -------- CC, SX, TI, ST, IT (random display, no answer numbers;
              SCAN must be entered on the same line as the DISPLAY,
              e.g., D SCAN or DISPLAY SCAN)
STD --------- BIB, CLASS

IABS -------- ABS, indented with text labels
IALL -------- ALL, indented with text labels
IBIB -------- BIB, indented with text labels
IMAX -------- MAX, indented with text labels
ISTD -------- STD, indented with text labels

OBIB -------- AN, plus Bibliographic Data (original)
OIBIB ------- OBIB, indented with text labels

SBIB -------- BIB, no citations
SIBIB ------- IBIB, no citations

HIT --------- Fields containing hit terms
HITIND ------ IC, ICA, ICI, NCL, CC and index field (ST and IT)
              containing hit terms
HITRN ------- HIT RN and its text modification
HITSTR ------ HIT RN, its text modification, its CA index name, and
              its structure diagram
HITSEQ ------ HIT RN, its text modification, its CA index name, its
              structure diagram, plus NTE and SEQ fields
FHITSTR ----- First HIT RN, its text modification, its CA index name, and
              its structure diagram
FHITSEQ ----- First HIT RN, its text modification, its CA index name, its
              structure diagram, plus NTE and SEQ fields
KWIC -------- Hit term plus 20 words on either side
OCC --------- Number of occurrence of hit term and field in which it occurs

To display a particular field or fields, enter the display field
codes.  For a list of the display field codes, enter HELP DFIELDS at
an arrow prompt (=>).  Examples of formats include: TI; TI,AU; BIB,ST;
TI,IND; TI,SO.  You may specify the format fields in any order and the
information will be displayed in the same order as the format
specification.

All of the formats (except for SAM, SCAN, HIT, HITIND, HITRN, HITSTR,
FHITSTR, HITSEQ, FHITSEQ, KWIC, and OCC) may be used with DISPLAY ACC
to view a specified Accession Number.
ENTER DISPLAY FORMAT (BIB):end

=> d l1 7 ti fbib abs

L1   ANSWER 7 OF 22  CAPLUS  COPYRIGHT 2006 ACS on STN
TI   Methyl ester ethoxylates
AN   2003:877814  CAPLUS
DN   141:25340
TI   Methyl ester ethoxylates
AU   Cox, Michael F.; Weerasooriya, Upali
CS   Sasol North America, Inc., Austin, TX, USA
SO   Surfactant Science Series (2003), 114(Novel Surfactants), 467-493
     CODEN: SFSSA5; ISSN: 0081-9603
```

PB Marcel Dekker, Inc.
DT Journal; General Review
LA English
AB A review on the ethoxylation of Me esters and the composition of corresponding **Me ester ethoxylates** (monomethyl-terminated PEO esters). The performance properties of **Me ester ethoxylates** and the important aspects related to the formulation of liquid laundry detergents with **Me ester ethoxylates** are discussed. The ethoxylation of other types of esters (e.g. triglycerides, alkyl esters, fatty-fatty diesters) , the propoxylation of esters, and the impact of unsatn. on performance are briefly also discussed.
RE.CNT 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d l1 17 ti fbib abs

L1 ANSWER 17 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN
TI Ester alkoxylation technology
AN 1999:476286 CAPLUS
DN 131:244836
TI Ester alkoxylation technology
AU Weerasooriya, Upali
CS CONDEA Vista Company, Austin, TX, USA
SO Journal of Surfactants and Detergents (1999), 2(3), 373-381
CODEN: JSDEFL; ISSN: 1097-3958
PB AOCS Press
DT Journal; General Review
LA English
AB A review with 28 refs. on the insertion of ethylene oxide and propylene oxide into fatty acid esters using peaked alkoxylation catalysts. Conventional ethyoxylation technologies, when used on fatty Me esters, produce poor yields as well as flat ethoxymer distributions. Peaking ethoxylation catalysts have been successful in efficient conversion of Me esters into the ethoxylates possessing peaked ethoxymer distribution. Surfactant performance of **Me ester ethoxylates** was discussed. Results generally show these to behave similarly to alc. ethoxylates, with the exception of exhibiting a lower foam profile. This ester ethoxylation technol. has been successful in ethoxylating other esters of varying steric environments. Triglyceride ethoxylates have been prepared and partially saponified as well as glucaminolyzed to produce mild surfactant blends.
RE.CNT 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>
=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	36.73	36.94

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-2.25	-2.25

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 08:40:17 ON 08 JUN 2006

Connecting via Winsock to STN

```
Welcome to STN International!  Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:
 * * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 08:51:58 ON 08 JUN 2006
FILE 'CAPLUS' ENTERED AT 08:51:58 ON 08 JUN 2006
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COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                    36.73      36.94

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                    -2.25      -2.25

=> d his

     (FILE 'HOME' ENTERED AT 08:21:21 ON 08 JUN 2006)

     FILE 'CAPLUS' ENTERED AT 08:21:30 ON 08 JUN 2006
L1            22 METHYL ESTER ETHOXYLATES

=> sodium methoxide
       1039602 SODIUM
            34 SODIUMS
       1039611 SODIUM
                 (SODIUM OR SODIUMS)
         11629 METHOXIDE
           395 METHOXIDES
         11795 METHOXIDE
                 (METHOXIDE OR METHOXIDES)
L2        6453 SODIUM METHOXIDE
                 (SODIUM(W)METHOXIDE)

=> l1 and l2
L3            0 L1 AND L2

=> sodium methylate
       1039602 SODIUM
            34 SODIUMS
       1039611 SODIUM
                 (SODIUM OR SODIUMS)
          2581 METHYLATE
           771 METHYLATES
          3240 METHYLATE
                 (METHYLATE OR METHYLATES)
L4         797 SODIUM METHYLATE
                 (SODIUM(W)METHYLATE)

=> l1 and l4
L5            0 L1 AND L4

=> logoff hold
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                    45.45      45.66

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                    -2.25      -2.25

 SESSION WILL BE HELD FOR 60 MINUTES
```

STN INTERNATIONAL SESSION SUSPENDED AT 08:53:22 ON 08 JUN 2006

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

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NEWS 17	MAY 11	KOREAPAT updates resume
NEWS 18	MAY 19	Derwent World Patents Index to be reloaded and enhanced
NEWS 19	MAY 30	IPC 8 Rolled-up Core codes added to CA/CAplus and USPATFULL/USPAT2
NEWS 20	MAY 30	The F-Term thesaurus is now available in CA/CAplus
NEWS 21	JUN 02	The first reclassification of IPC codes now complete in INPADOC
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NEWS LOGIN		Welcome Banner and News Items
NEWS IPC8		For general information regarding STN implementation of IPC 8
NEWS X25		X.25 communication option no longer available after June 2006

Enter NEWS followed by the item number or name to see news on that specific topic.

* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 11:52:38 ON 08 JUN 2006

```
=> file reg
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.21       0.21

FILE 'REGISTRY' ENTERED AT 11:52:48 ON 08 JUN 2006
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STRUCTURE FILE UPDATES:    7 JUN 2006  HIGHEST RN 887123-67-3
DICTIONARY FILE UPDATES:   7 JUN 2006  HIGHEST RN 887123-67-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

**********************************************************************
*                                                                    *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,    *
* effective March 20, 2005.  A new display format, IDERL, is now     *
* available and contains the CA role and document type information. *
*                                                                    *
**********************************************************************

Structure search iteration limits have been increased.  See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=> file reg
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         2.20       2.41

FILE 'REGISTRY' ENTERED AT 11:56:04 ON 08 JUN 2006
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Property values tagged with IC are from the ZIC/VINITI data file
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STRUCTURE FILE UPDATES:    7 JUN 2006  HIGHEST RN 887123-67-3
DICTIONARY FILE UPDATES:   7 JUN 2006  HIGHEST RN 887123-67-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.
```

```
**********************************************************************
*                                                                    *
* The CA roles and document type information have been removed from  *
* the IDE default display format and the ED field has been added,    *
* effective March 20, 2005.  A new display format, IDERL, is now     *
* available and contains the CA role and document type information.  *
*                                                                    *
**********************************************************************

Structure search iteration limits have been increased.  See HELP SLIMITS
for details.

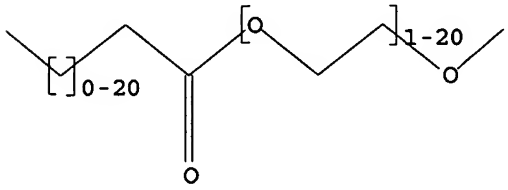
REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary
files\10534244\10534244 target alkoxylates.str

L1      STRUCTURE UPLOADED

=>  d l1
L1 HAS NO ANSWERS
L1              STR
```




```
Structure attributes must be viewed using STN Express query preparation.

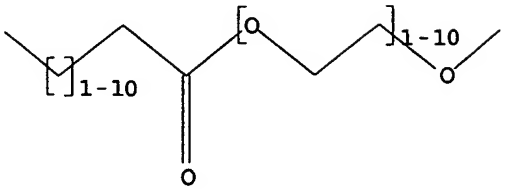

=> serch l1 sss sam
COMBINATION OF STRUCTURE AND TEXT TERMS NOT VALID
The query entered contains both search terms created by
structure-building or screen commands and text search terms.  L#s
created via the STRUCTURE or SCREEN commands must be searched in the
structures files separately from text terms or profiles.  The L#
answer sets from structure searches can be used in crossover searches
and can be combined with text terms.

=> search l1 sss sam
STRUCTURE TOO LARGE - SEARCH ENDED
A structure in your query is too large.  You may delete
attributes or atoms to reduce the size of the structure
and try again.

=>
Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary
files\10534244\10534244 target alkoxylates2.str

L2      STRUCTURE UPLOADED
```

=> d l2
L2 HAS NO ANSWERS
L2 STR



Structure attributes must be viewed using STN Express query preparation.

=> search l2 sss sam
SAMPLE SEARCH INITIATED 12:00:43 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 12164 TO ITERATE

16.4% PROCESSED 2000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 236672 TO 249888
PROJECTED ANSWERS: 0 TO 0

L3 0 SEA SSS SAM L2

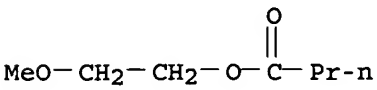
=> search l2 sss full
FULL SEARCH INITIATED 12:00:59 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 244743 TO ITERATE

100.0% PROCESSED 244743 ITERATIONS 44 ANSWERS
SEARCH TIME: 00.00.02

L4 44 SEA SSS FUL L2

=> d scan

L4 44 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Butanoic acid, 2-methoxyethyl ester (9CI)
MF C7 H14 O3

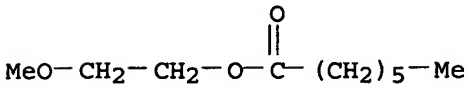


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):file caplus
'FILE CAPLUS' IS NOT VALID HERE

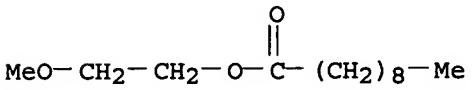
To display more answers, enter the number of answers you would like to see. To end the display, enter "NONE", "N", "0", or "END".
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

L4 44 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Heptanoic acid, 2-methoxyethyl ester (9CI)
MF C10 H20 O3



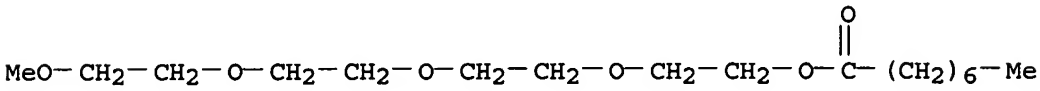
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 44 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Decanoic acid, 2-methoxyethyl ester (9CI)
MF C13 H26 O3



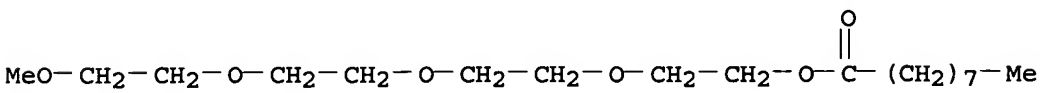
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 44 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Octanoic acid, 3,6,9,12-tetraoxatridec-1-yl ester (9CI)
MF C17 H34 O6



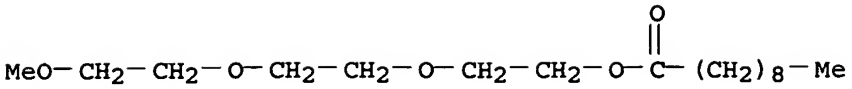
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 44 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Nonanoic acid, 3,6,9,12-tetraoxatridec-1-yl ester (9CI)
MF C18 H36 O6



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

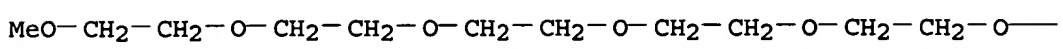
L4 44 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Decanoic acid, 2-[2-(2-methoxyethoxy)ethoxy]ethyl ester (9CI)
MF C17 H34 O5



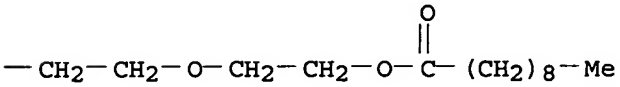
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 44 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Decanoic acid, 3,6,9,12,15,18,21-heptaoxadocos-1-yl ester (9CI)
MF C25 H50 O9

PAGE 1-A



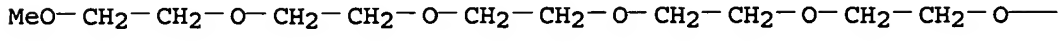
PAGE 1-B



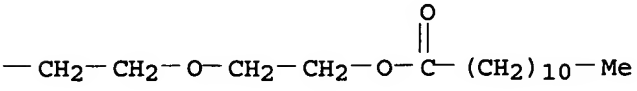
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 44 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Dodecanoic acid, 3,6,9,12,15,18,21-heptaoxadocos-1-yl ester (9CI)
MF C27 H54 O9

PAGE 1-A



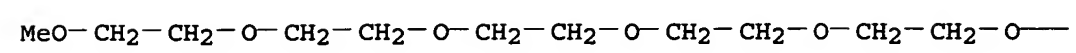
PAGE 1-B



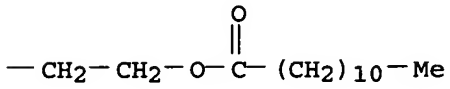
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 44 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Dodecanoic acid, 3,6,9,12,15,18-hexaoxanonadec-1-yl ester (9CI)
MF C25 H50 O8

PAGE 1-A

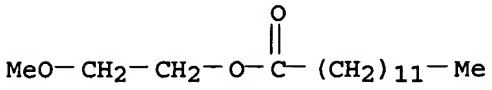


PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

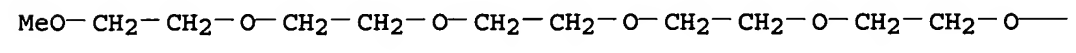
L4 44 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Tridecanoic acid, 2-methoxyethyl ester (9CI)
MF C16 H32 O3



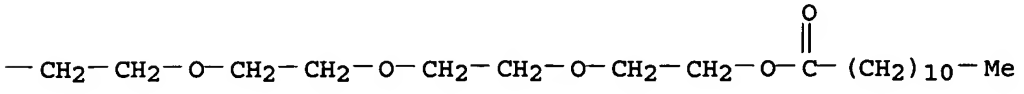
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 44 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Dodecanoic acid, 3,6,9,12,15,18,21,24,27-nonaoxaoctacos-1-yl ester (9CI)
MF C31 H62 O11

PAGE 1-A



PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file caplus
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	170.46	172.87

FILE 'CAPLUS' ENTERED AT 12:01:31 ON 08 JUN 2006
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FILE COVERS 1907 - 8 Jun 2006 VOL 144 ISS 24
FILE LAST UPDATED: 7 Jun 2006 (20060607/ED)

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=> l4
L5 215 L4

=> peg
36169 PEG
1216 PEGS
L6 36676 PEG
(PEG OR PEGS)

=> l5 and l6
L7 3 L5 AND L6

=> d l7 1-3 ti

L7 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
TI Novel Linear and Branched Poly(1,4-ketone)-b-polyalcohol Block Structures through Control of the Catalyst Initiation Mechanism

L7 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
TI Environmentally low-load detergent composition and cleaning method

L7 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
TI Alkoxylation catalyst comprising magnesium oxide and aluminum oxide and method for producing alkylene oxide adducts

=> d l7 3 ti fbib abs

L7 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
TI Alkoxylation catalyst comprising magnesium oxide and aluminum oxide and

method for producing alkylene oxide adducts
AN 1999:810899 CAPLUS
DN 132:51444
TI Alkoxylation catalyst comprising magnesium oxide and aluminum oxide and method for producing alkylene oxide adducts
IN Okamoto, Takahiro; Hama, Itsuo; Uemura, Shingo
PA Lion Corp., Japan
SO Eur. Pat. Appl., 25 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
PI	EP 965382	A1	19991222	EP 1998-310372		19981217
	EP 965382	B1	20030903			
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO					
				JP 1998-161718	A	19980610
	JP 2000061304	A2	20000229	JP 1999-163353		19990610
	JP 3312883	B2	20020812			
				JP 1998-161718	A	19980610
	SG 82039	A1	20010724	SG 1999-5937		19991214
				JP 1999-163353	A	19990610
	US 6504061	B1	20030107	US 2000-715331		20001117
				JP 1998-161718	A	19980610
				US 1998-211551	B2	19981215
				JP 1999-163353	A	19990610
				US 1999-441006	B3	19991116

AB Catalysts used for alkoxylation of alcs., phenols, fatty acids and esters, fatty amines and amides, and polyols which give polyoxyalkylene adducts having a narrow adduct distribution while inhibiting formation of high-mol.-weight polyalkylene glycols having mol. weight of tens of thousands as byproducts, comprise metal oxide containing Mg, Al, and ≥1 metal selected from group VIB, group VIIB, and group VIII metals. For example, ethoxylation of lauryl alc. in the presence of Mg-Al-Mn oxide catalyst (resp. atomic ratio 0.56:0.26:0.18) (preparation given) proceeded with catalyst activity 6.0 g EO/(min·g catalyst) and produced 0.06% high-mol.-weight polyethylene glycol (**PEG**), vs. 5.7 EO/(min·g catalyst) and 0.53% high-mol.-weight **PEG** for a Mg-Al oxide (resp. atomic ratio 0.556:0.444) as control catalyst.
RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	6.60	179.47

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.75	-0.75

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 12:02:47 ON 08 JUN 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

```
LOGINID:SSSPTA1623PAZ

PASSWORD:
 * * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 12:31:30 ON 08 JUN 2006
FILE 'CAPLUS' ENTERED AT 12:31:30 ON 08 JUN 2006
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     6.60     179.47

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                    -0.75      -0.75

=> filr reg
            1 FILR
         1213 REG
           71 REGS
         1272 REG
                (REG OR REGS)
L8          0 FILR REG
                (FILR(W)REG)

=> file reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                    10.96     183.83

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                    -0.75      -0.75

FILE 'REGISTRY' ENTERED AT 12:31:53 ON 08 JUN 2006
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Property values tagged with IC are from the ZIC/VINITI data file
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STRUCTURE FILE UPDATES:    7 JUN 2006  HIGHEST RN 887123-67-3
DICTIONARY FILE UPDATES:   7 JUN 2006  HIGHEST RN 887123-67-3

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TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

*********************************************************************
*                                                                   *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005.  A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*                                                                   *
*********************************************************************

Structure search iteration limits have been increased.  See HELP SLIMITS
for details.
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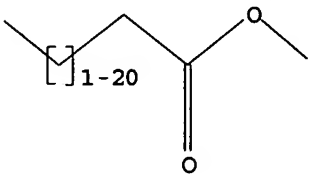
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary files\10534244\10534244 methyl esters.str

L9 STRUCTURE UPLOADED

=> d l9
L9 HAS NO ANSWERS
L9 STR



Structure attributes must be viewed using STN Express query preparation.

=> search l9 sss sam
SAMPLE SEARCH INITIATED 12:32:22 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 91835 TO ITERATE

2.2% PROCESSED 2000 ITERATIONS 1 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

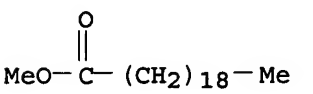
FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: 1818712 TO 1854688
PROJECTED ANSWERS: 512 TO 1324

L10 1 SEA SSS SAM L9

=> d scan

L10 1 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Eicosenoic acid, methyl ester, (Z)- (9CI)
MF C21 H40 O2
CI IDS

CM 1



ALL ANSWERS HAVE BEEN SCANNED

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=> search l9 sss full
FULL SEARCH INITIATED 12:32:57 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -  1828835 TO ITERATE

 54.7% PROCESSED  1000000 ITERATIONS                              167 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.07

FULL FILE PROJECTIONS:  ONLINE  **INCOMPLETE**
                        BATCH   **INCOMPLETE**
PROJECTED ITERATIONS:      1828835 TO  1828835
PROJECTED ANSWERS:             253 TO      357

L11         167 SEA SSS FUL L9

=> file caplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                   167.38     351.21

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                     0.00      -0.75

FILE 'CAPLUS' ENTERED AT 12:33:12 ON 08 JUN 2006
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FILE COVERS 1907 - 8 Jun 2006  VOL 144 ISS 24
FILE LAST UPDATED: 7 Jun 2006  (20060607/ED)

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=> d his

     (FILE 'HOME' ENTERED AT 11:52:38 ON 08 JUN 2006)

     FILE 'REGISTRY' ENTERED AT 11:52:48 ON 08 JUN 2006

     FILE 'REGISTRY' ENTERED AT 11:56:04 ON 08 JUN 2006
L1             STRUCTURE UPLOADED
L2             STRUCTURE UPLOADED
L3           0 SEARCH L2 SSS SAM
L4          44 SEARCH L2 SSS FULL

     FILE 'CAPLUS' ENTERED AT 12:01:31 ON 08 JUN 2006
L5         215 L4
L6       36676 PEG
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L7             3 L5 AND L6
L8             0 FILR REG

     FILE 'REGISTRY' ENTERED AT 12:31:53 ON 08 JUN 2006
L9               STRUCTURE UPLOADED
L10            1 SEARCH L9 SSS SAM
L11          167 SEARCH L9 SSS FULL

     FILE 'CAPLUS' ENTERED AT 12:33:12 ON 08 JUN 2006

=> l11
L12          105 L11

=> l6 and l12
L13            0 L6 AND L12

=> ?PEG?
'?PEG?' NOT LONG ENOUGH FOR LEFT TRUNCATION
You have entered a truncated stem whose length is less than
the minimum allowed for left truncation in the requested
search field.  You may increase the length of the stem to
the minimum allowed and try again.  Enter HELP SFIELDS to
to find the minimum stem length for left truncation in
the requested search field.

=> PEG?
L14        56545 PEG?

=> l12 and l14
L15            0 L12 AND L14

=> logff hold
               0 LOGFF
           38318 HOLD
           26045 HOLDS
           63391 HOLD
                   (HOLD OR HOLDS)
L16            0 LOGFF HOLD
                   (LOGFF(W)HOLD)

=> logoff hold
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                      ENTRY     SESSION
FULL ESTIMATED COST                                    6.77      357.98

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                      ENTRY     SESSION
CA SUBSCRIBER PRICE                                    0.00       -0.75

 SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 12:34:28 ON 08 JUN 2006
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